

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A reel driver for rolling mills with an upper, hollow driving roll and a lower, solid driving roll, wherein the lower driving roll has a steel roll shaft on which a cast jacket is mounted by adhesive bonding and/or shrink fitting, and the upper driving roll has a cast jacket that is held between two clamping elements {5} arranged on a shaft, wherein each cast jacket has an outer working layer.

2. (Currently Amended) The reel driver in accordance with Claim 1, wherein the cast jacket consists of ductile iron and has an the outer working layer is produced by the centrifugal casting process.

3. (Previously presented) The reel driver in accordance with Claim 2, wherein the ductile iron consists of 2.5-4.0 vol.%

C, 1.0-4.0 vol.% Si, 0.2-2.0 vol.% Mn, < 0.10 vol.% P, < 0.05 vol.% S, < 1.0 vol.% Cr, < 5.0 vol.% Ni, < 3.0 vol.% Mo, < 1.0 vol.% Al, and < 5.0 vol.% Cu.

4. (Currently Amended) The reel driver in accordance with Claim [[2]] 1, wherein the working layer consists of indefinite chill cast iron.

5. (Previously presented) The reel driver in accordance with Claim 4, wherein the indefinite chill cast iron consists of 2.7-3.8 vol.% C, 0.5-2.0 vol.% Si, 0.3-1.5 vol.% Mn, < 0.15 vol.% P, < 0.10 vol.% S, 1.0-3.5 vol.% Cr, 1.0-5.0 vol.% Ni, 0.1-0.8 vol.% Mo, 0.010-0.5 vol.% Al, and 0.5-5.0 vol.% Cu.

6. (Currently Amended) The reel driver in accordance with Claim [[2]] 1, wherein the working layer consists of indefinite chill cast iron with alloy carbides.

7. (Previously presented) The reel driver in accordance with Claim 6, wherein the indefinite chill cast iron with alloy carbides consists of 2.7-3.8 vol.% C, 0.5-2.0 vol.% Si, 0.3-1.5 vol.% Mn, < 0.15 vol.% P, < 0.10 vol.% S, 1.0-3.5 vol.% Cr, 1.0-

5.0 vol.% Ni, 0.1-0.8 vol.% Mo, 0.010-0.5 vol.% Al, 0.5-5.0 vol.% Cu, 0.5-4.0 vol.% V, 0.5-5.0 vol.% Nb, and 0.5-5.0 vol.% Ta.

8. (Currently Amended) The reel driver in accordance with Claim [[2]] 1, wherein the working layer consists of chromium alloy cast iron.

9. (Previously presented) The reel driver in accordance with Claim 8, wherein the chromium alloy cast iron consists of 0.8-3.5 vol.% C, 0.5-2.0 vol.% Si, 0.4-3.0 vol.% Mn, < 0.15 vol.% P, < 0.10 vol.% S, 8-35 vol.% Cr, 0.5-4.0 vol.% Ni, 0.1-5 vol.% Mo, 0.5-5.0 vol.% Cu, 0.5-4.0 vol.% V, 0.5-5.0 vol.% Nb, and 0.5-5.0 vol.% Ta.

10. (Currently Amended) The reel driver in accordance with Claim [[2]] 1, wherein the working layer consists of high-speed steel.

11. (Previously presented) The reel driver in accordance with Claim 10, wherein the high-speed steel consists of 0.5-3.0 vol.% C, 0.5-2.0 vol.% Si, 0.4-3.0 vol.% Mn, < 0.15 vol.% P, <

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0.10 vol.% S, 2-10 vol.% Cr, 0.5-4.0 vol.% Ni, 2-10 vol.% Mo,  
0.5-5.0 vol.% Cu, 2-10 vol.% V, and 1-15 vol.% W.